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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/644,068
Confirmation Number	4352
Filing Date	August 20, 2003
First Named Inventor	Hisashi NAKAMURA et al.
Art Unit	2675
Examiner Name	Ke Xiao
Attorney Docket Number	031016

Sheet

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ³ (if known)		
	US				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ⁴	Number ⁴	Kind Code ⁵ (if known)		
KX	1	WO	02/42890	A1	Iwasa et al.	Yes
	2	WO	99/54851	A1	Karmann	Abstract
	3	JP	2002-512409	A	Siemens Aktiengesellschaft	Yes
	4	JP	2002-229739	A	Furuno Electric Co Ltd	Yes
	5	JP	2002-152696	A	Hitachi Ltd	Yes
	6	JP	2002-041469	A	Toshiba Corp	Yes
	7	JP	2000-222123	A	Kokyo Joho System:KK	Yes
	8	JP	2000-043484	A	Ricoh Co Ltd	Yes
	9	JP	10-207777	A	Tsubasa Syst KK	Yes
↓	10	JP	07-306730	A	Ricoh Co Ltd	Yes
	11	JP	2001-067051	A	Seiko Epson Corp	Yes

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation ⁶
KX	12	JP 2002-240436 Office Action mailed 02-08-2006			Yes
KX	13	JP 2002-240436 Office Action mailed 12-7-2005			Yes

Examiner Signature	/Ke Xiao/	Date Considered	05/01/2006
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.